

**Wyoming Department of Environmental Quality  
Wyoming Water Development Commission  
Wyoming State Loan and Investment Board**

**Drinking Water State Revolving Fund  
FY2015 Intended Use Plan**

**Introduction**

The 1996 Safe Drinking Water Act (SDWA) amendments include requirements for each state to prepare an Intended Use Plan (IUP) for each capitalization grant application. The IUP describes how the state will use the Drinking Water State Revolving Fund (DWSRF) to meet SDWA objectives and further the protection of public health. The IUP contains the following elements:

1. Priority List of Projects
2. Criteria and Method for Distribution of Funds
3. DWSRF Financial Status
4. Additional Subsidization
5. Green Project Reserve
6. Short- and Long-term Goals of the Program
7. Description of Set-aside Accounts and Activities

The Department of Environmental Quality (DEQ), Office of State Lands and Investments (OSLI), and Water Development Office (WDO) prepared the draft IUP and provided it to the public for review and comment. The DWSRF program held a public meeting on the draft IUP on May 21, 2014, in Casper. Appendix 3 summarizes comments and responses from the public meeting. Additionally, pursuant to state law, DEQ, OSLI and WDO submitted the IUP to the Select Water Committee for review, comment and recommendations. The Wyoming State Loan and Investment Board (SLIB) authorized the Final Intended Use Plan at its meeting on June 19, 2014. The Final IUP will be submitted to EPA Region VIII.

**Priority List of Projects**

Appendix 1 contains the comprehensive priority list of public water systems in Wyoming that have expressed interest in the DWSRF, are planning capital improvement projects, have been identified as serious public health risks, have received notices of SDWA violations, or were issued administrative orders. Not all of the projects in Appendix 1 will use SRF funds. Some systems do not yet have major projects planned; the remainder expect to proceed with projects within the next several years. Cost information is not always available. Some systems have not yet completed the feasibility or financing plans for their projects.

The DWSRF program has identified projects most likely to apply for DWSRF funds during the upcoming year. Staff bases this projection on conversations and contacts made from potential applicants. However, there is nothing implicit that these potential applications have preferential status to receive funding. Actual funding decisions will be made by the State Loan and Investment Board (SLIB) based on actual applications received and criteria determined by SLIB. The DWSRF program has also made conditional awards to eight projects. These projects with conditional awards still need to complete the remaining steps for DWSRF funding, either during the remainder of FY2014 or during FY2015. Projects with conditional awards do have preferential status to receive funding.

The comprehensive priority list in Appendix 1 identifies the projects that are expected to apply for DWSRF funds during FY2015 or that are expected to complete the remaining steps on conditional funding awards by the end of FY2014 or during FY2015. Their total estimated cost is \$26,243,000. The DWSRF program believes these are the projects that will most likely pursue funding; however, other projects from the priority list may proceed before envisioned. The comprehensive priority list also identifies the projects expected to apply for funding during the FY2016-FY2018 timeframe. Their total estimated cost is \$78,037,000. All projects on the comprehensive priority list are eligible to receive DWSRF loans. The State intends to fund projects in the actual application pool with both first and second round funds as needed to best meet (in the judgment of the State) the various known federal and state requirements, such as those regarding binding commitments, additional subsidization, and green project reserve, and any as yet undetermined requirements.

## **Criteria and Method for Distribution of Funds**

The Safe Drinking Water Act amendments of 1986 and 1996 imposed many new regulatory requirements upon public water suppliers. Public health and compliance problems related to these requirements are the most influential criteria in Wyoming's project ranking system. System deficiencies, as related to public health and compliance, are also considered in the Wyoming ranking system. The financial impact of the proposed project on the system users is also considered; the communities most in need of low interest loans to fund the project are awarded points under the affordability criteria.

A summary of the ranking criteria and scoring is listed below. The complete Wyoming Drinking Water State Revolving Fund Ranking System is attached to this plan as Appendix 2.

1. Public Health Issues - 200 points maximum
2. Compliance Issues - 240 points maximum
3. System Deficiencies that may affect public health or ability to comply - 85 points maximum
4. Affordability - 30 points maximum

Because public health issues may result from a variety of causes, points may be obtained from more than one of the four ranking system categories listed above. For example, any documented public health issue, such as a boil order resulting from bacteriological contamination, would be accompanied by compliance and system deficiencies points. Points

are not awarded for any issue which results from operator error. Typically, project proposals that address immediate public health receive the highest overall scores, followed by proposals that address lower risk public health threats, such as chemical contaminants present at low levels, and then by proposals that address system deficiencies that may not allow compliance with existing or future regulatory requirements before noncompliance occurs.

The Wyoming DWSRF program is required annually to use at least 15% of all funds credited to the DWSRF account to provide loan assistance to systems serving fewer than 10,000 people. Because the majority of systems in Wyoming serve fewer than 10,000 people this requirement has and will be achieved.

### **Financial planning:**

The State of Wyoming bases its financial planning for the DWSRF on the following factors: fund utilization, mineral royalty grant funds available, and projects ready to proceed. The core loan program interest rate of 2.5% and the special terms under ARRA and recent capitalization grants have increased loan applications over the last few years. In addition, the loan origination fees and the interest payments are projected to increase as projects are completed and loan repayments begin. Furthermore, the health of the fund will increase with a higher fund utilization rate to replenish the revolving fund.

### **Interest rates and different types of assistance:**

The current market rate is calculated annually in July; the current market rate is 2.91%. The market rate is calculated using the Range of Yield Curve Scales, for Bonds with a rating of BAA for a twenty year period.

Most loans will be made at a 2.5% interest rate with a repayment period up to twenty (20) years; however, loans under the Green Project Reserve (GPR) will be made at a 0% interest rate with a repayment period up to twenty (20) years. These rates were determined based on the following factors: mineral royalty grant funds available, current market rate, and the need to ensure maximum fund utilization. In addition, each applicant will pay a 0.5% origination fee upon completion of loan documents. Some loans will also include forgiveness of a portion of the loan principal in order to meet the requirements for awarding additional subsidization. Both additional subsidization and the GPR are discussed further in separate sections of this IUP.

### **Project funding decisions and bypass procedures:**

Historically, the State has been able to fund all eligible projects which actually apply for loan funding, and it expects to be able to continue to do so during FY2015, though not all applicants will likely be able to receive the full amount of principal forgiveness for which they apply. If and when the loan application amounts exceed the funding available for loans, the State will fund projects in order of priority of those that apply. An exception may apply to projects eligible for the GPR; these projects, in priority order, may bypass higher ranked projects if needed to achieve the minimum GPR funding requirement. Only projects on the priority list will be considered eligible for funding, except in the case of emergencies as described below.

### **Non-emergency bypass procedures:**

Any projects not ready to proceed, or that do not apply, will be bypassed in favor of projects that actually apply. These determinations will be made at the time applications are received

and presented to the State Loan and Investment Board. In addition, the State will do as much as possible to make bypassed projects ready to proceed in future years. This effort will include grant and loan seminars and video conferences to help applicants arrange funding for their projects. Only projects on the priority list will be considered eligible for funding, except in the case of emergencies as described below.

Emergency bypass procedures:

If SLIB determines that immediate attention is required to protect public health, a project may be funded with DWSRF funds; however, the IUP must first be amended to include the project. Any eligible costs would be reimbursable after the project meets DWSRF program requirements.

**Cash Draw Ratio:**

In FY2015, the DWSRF program will use the first in/first out method for cash draws. The cash draw ratio of 83.3868% federal funds and 16.6132% state match funds will be utilized based on the balance of unspent/drawn federal funds and the balance of unspent state match funds, as calculated in Table 1. The grants used to calculate these balances were: FS998846-07, FS998846-08, FS998846-09, FS998846-10, FS998846-11, FS998846-12, and FS998846-13.

**Table 1. Cash Draw Ratio Calculation as of April 7, 2014**

Total Unspent Federal Funds	\$31,417,924.00	83.3868%
Total Unspent State Match Funds	\$6,259,419.70	16.6132%
Total Unspent Federal + State	\$37,677,343.70	100.0000%

**Data Entry:**

The State will perform monthly updates to the DW Projects & Benefits Reporting (PBR) database. In addition, the State will perform monthly updates to the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS) to meet the Federal Funding Accountability and Transparency Act as required by the grant conditions of awarded grants.

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## DWSRF Financial Status

The following table summarizes the DWSRF financial status as of 3/3/14.

**Table 2. DWSRF financial status as of 3/3/14**

	Federal Grant	State Match (20%)	Total
Capitalization grants FY1997 through FY2007	\$91,793,500	\$18,358,700	\$110,152,200
Capitalization grants FY2008 and FY2009	\$16,292,000	\$3,258,400	\$19,550,400
ARRA 2009 grant (state match not required)	\$19,500,000	\$0	\$19,500,000
Capitalization grant FY2010	\$13,573,000	\$2,714,600	\$16,287,600
Capitalization grant FY2011	\$9,418,000	\$1,883,600	\$11,301,600
Capitalization grant FY2012	\$8,975,000	\$1,795,000	\$10,770,000
Capitalization grant FY2013	\$8,421,000	\$1,684,200	\$10,105,200
Capitalization grant FY2014	\$8,845,000	\$1,769,000	\$10,614,000
Capitalization grant FY2015 (estimated)	\$8,845,000	\$1,769,000	\$10,614,000
Total into DWSRF Accounts	\$185,662,500	\$33,232,500	\$218,895,000
<b>Set-asides</b>			
- Administration - 4.0% of FY1997 through FY2007 grants*			-\$3,671,740
- Technical Assistance (closed out) – Amount used from FY2001 grant			-\$23,916
- Source Water Assessment (closed out) - Amount used from FY1997 grant			-\$936,086
- Small Systems Technical Assistance - <=2% of FY2011 through FY2015 grants			-\$809,720
Sub-Total Set-asides			-\$5,441,462
Total Loan Principal Repayments			\$59,016,921
Total Loan Interest Payments			\$20,249,047
Investment Income earned			\$15,573,177
Loans (binding commitments)			-\$209,728,030
Estimated Fund Balance Available to Capital Construction Funding with FY2014 and estimated FY2015 capitalization grants**			\$98,564,653

\* Wyoming reserves the authority to set aside from future capitalization grants an amount (estimated at \$3,754,760) equal to four percent of the FY2008 through FY2015 capitalization grants and ARRA 2009 grant, to be used for program administration.

\*\* As of 3/3/14, \$4,703,680 of the estimated fund balance has been conditionally awarded but is not yet under binding commitment. Projects involved are noted on the priority list and are expected to complete the remaining steps for DWSRF funding during the remainder of FY2014 or in FY2015. Another \$1,275,616 of conditional awards was made on 4/10/14.

A more detailed description of set-asides may be found later in this plan. Any unused administrative funds are placed in an account and used for administration in future years. After

federal capitalization grants are no longer available the program must rely solely on loan origination fees and State funds.

The state program legislation and rules provide for the collection of a ½% loan origination fee which is to be set aside in a separate account to provide for future administration of the DWSRF program. All current and future fees will be placed into an administration account.

### **Additional Subsidization**

Starting with the FY2010 federal capitalization grant, the State must use certain amounts of the capitalization grant to provide additional subsidization to eligible recipients. The State provides this additional subsidization in the form of loans in which a portion of the principal will be forgiven upon project completion. All projects on the priority list (Appendix 1) are considered eligible for principal forgiveness of a portion of the loan amount. The maximum percentage of principal forgiveness for a project depends on the annual median household income (AMHI) of the applicant. SLIB determines the actual amount of principal forgiveness awarded to individual projects based on criteria set forth in SLIB Rules and Regulations Chapter 16 and on the actual applications received. Table 3 shows the status of the additional subsidization requirement.

**Table 3. Additional Subsidization Requirement Status as of 3/3/14**

Federal Grant Year	Federal Grant Amount	Min. Required Add. Sub.	Max. Allowable Add. Sub.
FY2010	\$13,573,000	\$4,071,900	\$13,573,000
FY2011	\$9,418,000	\$2,825,400	\$9,418,000
FY2012	\$8,975,000	\$1,795,000	\$2,692,500
FY2013	\$8,421,000	\$1,684,200	\$2,526,300
FY2014	\$8,845,000	\$1,769,000	\$2,653,500
FY2015 (estimated)	\$8,845,000	\$1,769,000	\$2,653,500
Totals		\$12,282,300	\$31,068,500
Additional subsidization under binding commitment			\$16,985,046
Additional subsidization conditionally awarded, binding commitment pending (includes additional amount awarded 4/10/14)			\$2,997,823
Minimum additional subsidization still required			\$0
Maximum additional subsidization still available			\$11,085,631

### **Green Project Reserve**

Starting with the FY2010 capitalization grant, to the extent there are sufficient eligible project applications, the State must use certain minimum amounts of the capitalization grants to fund projects which address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities (collectively referred to as "green" projects). This requirement is referred to as the Green Project Reserve, or GPR. Table 4 shows the status of the GPR. The priority list (Appendix 1) shows that sufficient green projects are anticipated to apply for funding or to complete remaining steps on conditional funding awards to meet the minimum required GPR amount. Other projects on the priority lists may be able to show,

through a business case or other information, that they also are green projects; these projects too will be considered eligible for award under the GPR. GPR loans will have an interest rate of zero percent and will be eligible for principal forgiveness under the same criteria as other projects.

**Table 4. Green Project Reserve Status as of 3/3/14**

Federal Grant Year	Federal Grant Amount	Minimum GPR %	Minimum GPR
FY2010	\$13,573,000	20%	\$2,714,600
FY2011	\$9,418,000	20%	\$1,883,600
FY2012	\$8,975,000	0%	\$0
FY2013	\$8,421,000	0%	\$0
FY2014	\$8,845,000	0%	\$0
FY2015 (estimated)	\$8,845,000	0%	\$0
Totals			\$4,598,200
GPR amount under binding commitment			\$8,573,917
GPR amount conditionally awarded, binding commitment pending			\$679,514
Minimum GPR amount remaining			\$0

### **Short-term Goals**

1. To administer the Drinking Water State Revolving Fund Program in Wyoming.
2. To ensure the technical integrity of DWSRF projects through the review of compliance records; outreach efforts including presentations and training at Wyoming Association of Rural Water and Wyoming Water Quality and Pollution Control Association events and conferences; and review of planning, designs/specifications, and construction documents and activities.
3. To ensure the financial integrity of the DWSRF program through the review of the financial impacts of publicly owned public water supplies' loan applications, and the ability for loan repayment.

### **Long-term Goals**

1. To build and maintain a permanent, self-sustaining state revolving fund program that will serve as a cost-effective, convenient source of financing for drinking water projects in Wyoming.
2. To provide a financing assistance program to help publicly owned public water supplies afford sustainable infrastructure and to assist them with funds to complete capital improvement projects to maintain and achieve compliance.
3. To work with other federal, state, and local assistance providers to bundle funding packages that address publicly owned public water supplies' most pressing needs.

4. To have the Office of State Lands, the Department of Environmental Quality, and the Water Development Office recommend priorities for financial assistance from the Drinking Water State Revolving Fund program to the Wyoming State Loan and Investment Board.

## **Set-Asides**

The Drinking Water State Revolving Fund may fund certain provisions of the federal Safe Drinking Water Act, through the use of “set-aside” accounts. The DWSRF federal and state enabling legislation allows set aside amounts of the federal drinking water capitalization grant for specific purposes. These set-asides each have different purposes and conditions. Wyoming currently uses an administration set-aside and a technical assistance set-aside. Other set-asides which may be established include state program management and local assistance. The State of Wyoming reserves its right to implement its option to fund allowable set-asides.

### **Administration Set-Aside:**

The DWSRF program set aside four percent of the FY1997 - FY2007 capitalization grants for program administration. This covers program development, review of water system facilities plans, review of construction and bid documents, assistance and oversight during planning, design and construction, loan origination work, administering repayments, costs associated with the Select Water Committee and the public comment process, staff salaries, and other associated costs to administer the program.

Any funds that were set-aside for administration but not actually spent will be placed in an account and used for administration in future years. At the direction of US EPA Region VIII, the State of Wyoming is not permitted to set aside four percent for administration starting with FY2008 and subsequent grants. That direction notwithstanding, Wyoming reserves the authority to set aside from future capitalization grants an amount (estimated at \$3,754,760) equal to four percent of the FY2008 through FY2015 capitalization grants and the ARRA 2009 grant to be used for program administration. After federal capitalization grants are no longer available, the program must rely solely on origination fees and State funds. Spending such funds is subject to approval of the Wyoming Legislature, although federal restrictions will limit use of these funds to purposes related to this program.

### **Technical Assistance for Small Systems Set-Aside:**

A state may use up to two percent of its allotment to provide technical assistance to public water systems serving 10,000 people or fewer (section 1452(g)(2)). If the state does not use the entire 2 percent for these activities against a given allotment, it can bank the excess balance and use it for the same activities in later years. If a state chooses to use funds under this set-aside, EPA encourages states to use available funds to support small system efforts to apply for DWSRF loans. A state may use these funds to support a technical assistance team or to contract with outside organizations to provide technical assistance. Wyoming plans to continue using this set-aside to fund a contract with the Wyoming Association of Rural Water Systems to assist small systems. An updated work-plan will be submitted to USEPA Region VIII for their approval.



## Appendix 1: FY2015 Drinking Water State Revolving Fund - Comprehensive Priority List

Project	Rank	Rank Points	Population	Owner	PWS No	Description	Amount (\$1,000)	Est Max % Princ Forg	Est Max Princ Forg (\$1,000)	Green type	Green Amount (\$1,000)	Expected FY2015	Expected FY2016-2018
Guernsey Disinfection Improvements	1	105	1147	Guernsey, Town of	WY5600023	TCR violations 10/10 and 4/11. EPA Administrative Order 9/11. Replace existing well house #2 with new larger well house to accommodate required chlorination equipment. At all wellhouses, install new chlorination equipment, flow meters, and aeration equipment to remove radon. Install isolated transmission line from wells to storage tank to improve disinfection contact time, promote tank turnover, and improve water quality.	\$1,100	50%	\$550				
Greater Smoot WSD	2	102	260	Greater Smoot W&S District	WY5601397	TCR violations 5/11, 9/12, 8/13, and 9/13. EPA administrative order issued 11/11, and notice of violation of that order issued 2/14. Install system upgrades to resolve these issues, including disinfection facilities.	\$220	25%	\$55			X	
Kennington Springs	3	102	75	Kennington Springs Water District	WY5601199	TCR violations 9/10, 11/10, 6/11, 8/12, and 9/12. EPA administrative order 3/11 and subsequent violation notices and addenda. Construct upgrades to comply with administrative order; options include redevelop existing source, develop new source, regionalization, and possibly others.	\$250	25%	\$63			X	
Edgerton	4	93	195	Edgerton, Town of	WY5600017	System upgrades to comply with EPA administrative order issued 3/14 for TCR violations 11/10, 8/13, 9/13, and 10/13.	\$250	75%	\$188				
Lingle	5	85	468	Lingle, Town of	WY5600030	System upgrades to comply with EPA administrative order issued 4/13 for TCR violations 4/10, 5/12, and 8/12.	\$200	50%	\$100				
Big Valley and Crossed Arrows ISD	6	85	67	Big Valley & Crossed Arrows I&S District	WY5601193	System upgrades to comply with EPA administrative order issued 3/14 for TCR violations 6/13, 7/13, 9/13, and 10/13.	\$250	50%	\$125				

Project	Rank	Rank Points	Population	Owner	PWS No	Description	Amount (\$1,000)	Est Max % Princ Forg	Est Max Princ Forg (\$1,000)	Green type	Green Amount (\$1,000)	Expected FY2015	Expected FY2016-2018
Sweetwater ISD	7	82	40	Sweetwater I&S District	Pending	Sweetwater ISD system has recently been or soon will be activated as a PWS by EPA. Will be classified as a surface water system, but does not meet EPA SWTR requirements nor DEQ construction standards. Existing system components are also deteriorated. Construct improvements to bring system into compliance with regulations and to replace/rehabilitate existing infrastructure. May include treatment, new source, existing source upgrades, connection to another system, storage, transmission, and distribution improvements. Loan could potentially go through Cambria I&S District, PWS WY5601028, if solution involves connection to or incorporation into Cambria system.	\$1,000	25%	\$250			X	
Manville Treatment or New Source	8	73	95	Manville, Town of	WY5600110	Uranium violations 2010-2012. Gross alpha particle activity violations 2010-2012. EPA Administrative Orders 8/10, 6/13, and various addenda. New well and transmission to supply water meeting standards.	\$162	75%	\$122				
Rock River Treatment and/or Tank Upgrades	9	72	245	Rock River, Town of	WY5600048	HAA5 violations 2011 and 2012. SWTR violation 7/11. EPA Administrative Order 6/09 and subsequent violation notices in 2009, 2010, and 2011. Upgrade treatment and/or rehabilitate and upgrade tank to reduce short circuiting.	\$500	25%	\$125				
South Circle Estates New Supply	10	57	31	South Circle Estates I&S District	WY5601640	Existing groundwater source has radionuclides above MCL. Radium violations 2011 and 2012. EPA Administrative Order issued 8/12. Current supply is inadequate and system has no storage. Construct transmission main to receive potable water from Ten Sleep water system. DWSRF loan has been made for design only. DWSRF conditional award 10/11 for construction, expected to become binding commitment by end of FY2014 or in FY2015. Also see associated project South Circle Estates Distribution Improvements.	\$136	50%	\$68			X	

Project	Rank	Rank Points	Population	Owner	PWS No	Description	Amount (\$1,000)	Est Max % Princ Forg	Est Max Princ Forg (\$1,000)	Green type	Green Amount (\$1,000)	Expected FY2015	Expected FY2016-2018
Hawk Springs	11	56	45	Hawk Springs W&S District	New system	Construct new public water system to replace use of individual private wells. Private wells are at risk of contamination from old and inadequately spaced septic systems, and some wells have uranium and nitrates above MCLs.	\$2,000	75%	\$1,500				
Granger Compliance Upgrades	12	52	139	Granger, Town of	WY5600020	System upgrades needed to comply with EPA administrative order issued 1/14 for pressure loss caused by a main break.	\$250	25%	\$63				
Sheridan WTP Upgrades for LT2ESWTR Requirements	13	50	17444	Sheridan, City of	WY5600052	Removal/disinfection improvements for cryptosporidium to meet requirements of LT2ESWTR. Treatment for seasonal taste and odor issues. DWSRF loan has been made.	\$500	50%	\$250				
Sheridan/SAWS Big Goose WTP Upgrades for LT2ESWTR Requirements	14	50	17444	Sheridan, City of	WY5600052	Removal/disinfection improvements for cryptosporidium to meet requirements of LT2ESWTR. Treatment for seasonal taste and odor issues. DWSRF loan has been made.	\$200	50%	\$100				
Bennor Estates	15	49	174	Bennor Estates I&S District	WY5601596	Radium violations 2010-2012. Connect to Gillette Regional System to comply with EPA administrative order issued 9/10, specifically addendum #4 issued 9/11.	\$500	25%	\$125				
Manderson Tank	16	41	114	Manderson, Town of	WY5600204	New storage tank to replace existing old, deteriorated tank.	\$654	75%	\$491				
Laramie Distribution Upgrades	17	40	30816	Laramie, City of	WY5600029	Replace old deteriorated waterlines (cross contamination potential). Waterline extensions and looping. DWSRF loan has been made.	\$1,000	75%	\$750			X	
Riverton Replacements	18	33	10615	Riverton, City of	WY5600047	Projects to replace old, deteriorated components, including booster stations, plant high service pumps, and water mains (cross contamination potential). Expecting application for funding for plant high service pump replacement in FY2015.	\$400	75%	\$300			X	
Thermopolis Distribution Improvements	19	33	3009	Thermopolis, Town of	WY5600056	Replace old, deteriorated water mains (cross contamination potential). New main to connect low pressure area to higher pressure zone.	\$600	75%	\$450				X

Project	Rank	Rank Points	Population	Owner	PWS No	Description	Amount (\$1,000)	Est Max % Princ Forg	Est Max Princ Forg (\$1,000)	Green type	Green Amount (\$1,000)	Expected FY2015	Expected FY2016-2018
Dubois Distribution Improvements	20	33	971	Dubois, Town of	WY5600177	Replace old, deteriorated, and undersized water mains and appurtenances (cross contamination potential). Water main looping.	\$250	75%	\$188				X
Hanna Water Mains	21	33	841	Hanna, Town of	WY5600025	Replace old, deteriorated, and undersized water lines and valves (cross contamination potential).	\$1,000	75%	\$750			X	
Baggs Distribution Improvements	22	33	440	Baggs, Town of	WY5600058	Replace old, deteriorated water mains and appurtenances (cross contamination potential).	\$674	75%	\$506			X	
Medicine Bow Main Replacements	23	33	284	Medicine Bow, Town of	WY5600034	Replace old, deteriorated distribution and transmission mains (cross contamination potential). DWSRF loan has been made.	\$500	75%	\$375				
Jamestown-Rio Vista	24	32	536	Jamestown-Rio Vista W&S District	WY5600810	Existing treatment plant near end useful life; remove from service. Install transmission main to connect to Green River-Rock Springs Regional System. Replace deteriorated and undersized distribution lines. Extend waterlines to serve areas without current service. Construct new tank to replace deteriorated undersized existing tank. Deteriorated infrastructure increases cross contamination potential.	\$2,000	25%	\$500				
Mills Main Replacements	25	31	3461	Mills, Town of	WY5600036	Replace old, deteriorated and undersized water lines (cross contamination potential). Replace old, deteriorated service saddles, valves, hydrants, and other appurtenances.	\$2,000	75%	\$1,500				X
Hudson Distribution Upgrades	26	31	458	Hudson, Town of	WY5600183	Replace old, deteriorated mains, valves, and hydrants (cross contamination potential).	\$450	75%	\$338			X	
Thayne Main Replacements	27	31	366	Thayne, Town of	WY5600159	Replace old, deteriorated water mains (cross contamination potential). DWSRF loan has been made. DWSRF conditional award 12/13 for additional funding; expected to become binding commitment by end of FY2014 or in FY2015.	\$515	75%	\$386			X	

Project	Rank	Rank Points	Population	Owner	PWS No	Description	Amount (\$1,000)	Est Max % Princ Forg	Est Max Princ Forg (\$1,000)	Green type	Green Amount (\$1,000)	Expected FY2015	Expected FY2016-2018
GR-RS-SWC JPWB Pre-sedimentation	28	27	40000	Green River - Rock Springs - Sweetwater Co JPWB	WY5600050	Construct pre-sedimentation basin to reduce peak solids loading to the clarifiers. Miscellaneous system improvements. Green River (water source) subject to rapidly changing high turbidity events beyond capacity of plant. DWSRF loan has been made.	\$2,000	25%	\$500				
Lovell Distribution Upgrades	29	27	2360	Lovell, Town of	WY5600031	Replace deteriorated, leaking, and undersized water mains (cross contamination potential). Replace old deteriorated pump station (may include energy efficiency aspects that qualify as green).	\$1,000	50%	\$500	EB	\$250		
Greybull Water Mains	30	27	1847	Greybull, Town of	WY5600022	Replace/rehabilitate old, deteriorated water mains (cross contamination potential).	\$525	50%	\$263				
Meeteetse Replacements and Rehabilitation	31	27	327	Meeteetse, Town of	WY5600035	Replace old, deteriorated water mains and services (cross contamination potential), including replacement of mains under HWY 290 and installation of parallel main outside of highway right-of-way. Fix leaking tank.	\$1,707	50%	\$854				X
South Circle Estates Distribution Improvements	32	27	31	South Circle Estates I&S District	WY5601640	Replace old, deteriorated water mains (cross-contamination potential). Includes water meters (currently unmetered system). DWSRF loan has been made for design only. DWSRF conditional award 10/11 for construction, expected to become binding commitment by end of FY2014 or in FY2015. Also see associated project South Circle Estates New Supply.	\$165	50%	\$83	WC	\$81	X	
Fremont County Fair & Rodeo Distribution Improvements	33	25	40123	Fremont County	WY5600047	Replace old, deteriorated, and undersized water lines (cross contamination potential).	\$251	50%	\$126				
Sheridan Water Main Replacements	34	25	17444	Sheridan, City of	WY5600052	Replace old, deteriorated, and undersized water mains (cross contamination potential). DWSRF loans have been made for several projects. DWSRF conditional award 4/14 for main replacements in Wyo/Park Phase 3 area; expected to become binding commitment by end of FY2014 or in FY2015. Estimated \$10 million total need.	\$563	50%	\$282			X	

Project	Rank	Rank Points	Population	Owner	PWS No	Description	Amount (\$1,000)	Est Max % Princ Forg	Est Max Princ Forg (\$1,000)	Green type	Green Amount (\$1,000)	Expected FY2015	Expected FY2016-2018
Lander Transmission Upgrades	35	25	7487	Lander, City of	WY5600176	Replace old deteriorated transmission mains (cross contamination potential), including upsizing as needed. Pressure reducing valve and altitude valve upgrades. DWSRF loan has been made.	\$500	50%	\$250				
Torrington Main Replacements	36	25	6501	Torrington, City of	WY5600164	Replace old, deteriorated water mains (cross contamination potential).	\$161	50%	\$81				
Worland Main Replacements	37	25	5487	Worland, City of	WY5600197	Replace old, deteriorated water mains (cross contamination potential).	\$2,600	50%	\$1,300				X
Newcastle Main Replacements	38	25	3532	Newcastle, City of	WY5600256	Replace old, deteriorated, and undersized mains (cross contamination potential).	\$500	50%	\$250				X
Evansville Deteriorated Main Replacements	39	25	2544	Evansville, Town of	WY5600018	Replace old, deteriorated waterlines and appurtenances (cross contamination potential).	\$1,500	50%	\$750				X
Basin Distribution Improvements	40	25	1285	Basin, Town of	WY5600004	Replace old, deteriorated water mains (cross contamination potential). Water main looping.	\$300	50%	\$150				
Sundance Storage and Distribution Upgrades	41	25	1182	Sundance, Town of	WY5600055	Replace old, deteriorated, undersized tanks, mains, and services (cross contamination potential). Looping.	\$1,500	50%	\$750				X
Guernsey Replacements/ Rehabilitation	42	25	1147	Guernsey, Town of	WY5600023	Replace/rehabilitate old, deteriorated mains, tanks, and appurtenances (cross contamination potential).	\$2,257	50%	\$1,129				
Pine Bluffs Main Replacements	43	25	1129	Pine Bluffs, Town of	WY5600040	Replace old, deteriorated water mains (cross contamination potential).	\$990	50%	\$495				
Pine Bluffs Tanks	44	25	1129	Pine Bluffs, Town of	WY5600040	Replace 1940's vintage 180,000 gallon tank with new 200,000 gallon tank and appurtenances. Painting and roof work on existing deteriorated 467,000 gallon tank.	\$1,000	50%	\$500				X
Encampment Main Replacements	45	25	450	Encampment, Town of	WY5600060	Replace old, deteriorated, and undersized waterlines (cross contamination potential).	\$500	50%	\$250				X
Burns Distribution Improvements	46	25	301	Burns, Town of	WY5600188	Replace old, deteriorated water mains (cross contamination potential). Loop dead end mains.	\$240	50%	\$120				X

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Deaver Main Replacements	47	25	178	Deaver, Town of	WY5600016	Replace old, deteriorated water mains (cross contamination potential).	\$3,300	50%	\$1,650				X
Mountain View Acres	48	25	165	Mountain View Acres Water District	WY5600182	Replace old, deteriorated water mains (cross contamination potential).	\$800	50%	\$400				
Cheyenne Main Rehabilitation and Replacements	49	24	59466	Cheyenne, City of	WY5600011	Replace/rehabilitate old, deteriorated, and undersized water mains (cross contamination potential). Various DWSRF loans have been made. \$10M total need.	\$3,000	25%	\$750			X	
Cheyenne Round Top Tank Replacement	50	24	59466	Cheyenne, City of	WY5600011	Replace old, deteriorated Round Top 10 million gallon water storage tank.	\$20,000	25%	\$5,000				
Cheyenne Buffalo Ridge Tank and Pump Station	51	24	59466	Cheyenne, City of	WY5600011	Rehabilitate old, deteriorated tank interior and exterior coating system. Replace old deteriorated pump with new multi-pump system.	\$2,300	25%	\$575				X
Moorcroft Distribution Improvements	52	24	1009	Moorcroft, Town of	WY5600037	Replace old, deteriorated, undersized water mains and distribution appurtenances (cross contamination potential). Loop water lines.	\$1,250	25%	\$313				X
Owl Creek Water District	53	24	133	Owl Creek Water District	New System	New water system to serve rural areas of Hot Springs County. Existing groundwater of poor quality and quantity. Many residents haul drinking water. Includes water meters (green component). DWSRF loan has been made. DWSRF conditional award 2/14 for additional funding; expected to become binding commitment by end of FY2014 or in FY2015.	\$120	50%	\$60	WC	\$43	X	
Fort Laramie Tank	54	23	230	Fort Laramie, Town of	WY5600185	New storage tank in town to replace existing undersized tank that is out of town and floats on distribution system. New tank will also increase available pressure and allow flow to always go from wells through tank before going to distribution. Forcing flow through the new tank will improve water quality and allow for chlorine contact time. Well house and transmission improvements. DWSRF loan has been made.	\$100	75%	\$75				

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Casper Miscellaneous Water Main Replacements	55	22	55316	Casper, City of	WY5601415	Replace/rehabilitate old, deteriorated, undersized mains (cross contamination potential).	\$6,000	25%	\$1,500				
Casper 10 MG Tank Rehabilitation	56	22	55316	Casper, City of	WY5601415	Rehabilitate old, deteriorated, 10 million gallon finished water storage reservoir (cross contamination potential).	\$4,500	25%	\$1,125				X
Gillette Main Replacements	57	22	29087	Gillette, City of	WY5600019	Replace old, deteriorated, and undersized water mains (cross contamination potential). \$9.9 M total need.	\$2,000	25%	\$500				
Gillette Tank Rehabilitation	58	22	29087	Gillette, City of	WY5600019	Rehabilitate tanks that have corrosion, foundation, and site drainage problems. Add flow control valves and control scheme to better use available storage.	\$2,000	25%	\$500				X
Green River Main Replacements	59	22	12515	Green River, City of	WY5601181	Replace old, deteriorated, and undersized water mains (cross contamination potential).	\$1,000	25%	\$250				
Rawlins Potable Main Replacements	60	22	9259	Rawlins, City of	WY5600045	Replace old, deteriorated water mains (cross contamination potential). DWSRF conditional award 12/13; expected to become binding commitment by end of FY2014 or in FY2015.	\$719	25%	\$180			X	
Buffalo Main Replacements	61	22	4585	Buffalo, Town of	WY5600005	Replace old, deteriorated, and undersized water mains (cross contamination potential).	\$1,000	25%	\$250				
SAWS Booster Stations	62	22	3900	Sheridan Area Water Supply JPB	WY5600052	Upgrade old booster stations, including replacement of pumps, piping, controls, SCADA, and other station appurtenances, and installation of VFDs and emergency generators. DWSRF loan has been made.	\$1,000	25%	\$250				
KDJPB Tank and Transmission Replacement/ Rehabilitation	63	22	3393	Kemmerer-Diamondville JPB	WY5600028	Replace/rehabilitate deteriorated transmission and storage. Deteriorated infrastructure increases cross contamination potential.	\$400	25%	\$100				
Glenrock Main Replacements	64	22	2576	Glenrock, Town of	WY5600199	Replace old, deteriorated water mains (cross contamination potential).	\$3,000	25%	\$750				
Lyman Distribution Upgrades	65	22	2115	Lyman, Town of	WY5600033	Replace old, deteriorated water mains (cross contamination potential). Install new master meter to mobile home park. Reconfigure mains to areas previously on private system.	\$260	25%	\$65				



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Pinedale Main Replacements	66	22	2030	Pinedale, Town of	WY5600041	Replace old, deteriorated, and undersized water mains (cross contamination potential). \$10M total need.	\$3,000	25%	\$750				X
Afton Distribution and Storage Improvements	67	22	1911	Afton, Town of	WY5600002	Replace old, deteriorated, undersized mains (cross contamination potential), including looping the replacements to eliminate deadends. Rehabilitate deteriorated top slab of concrete water storage tank (cross contamination potential).	\$615	25%	\$154				
Saratoga Main Replacements	68	22	1690	Saratoga, Town of	WY5600061	Replace old, deteriorated, and undersized mains (cross contamination potential).	\$2,500	25%	\$625				
Star Valley Ranch Main Replacements	69	22	1503	Star Valley Ranch, Town of	WY5600287	Replace old, deteriorated, and undersized water mains (cross contamination potential). A portion qualifies as green due to documented excessive leakage.	\$7,000	25%	\$1,750	WB	\$200		
Alpine Main Replacements	70	22	828	Alpine, Town of	WY5600156	Replace old, deteriorated water mains (cross contamination potential).	\$166	25%	\$42				
Cowley Main Upgrades	71	22	655	Cowley, Town of	WY5600206	Replace old, deteriorated water mains (cross contamination potential). Install control building. Loop transmission mains.	\$300	25%	\$75				
Wamsutter Main Replacements	72	22	451	Wamsutter, Town of	WY5600105	Replace old, deteriorated water mains (cross contamination potential).	\$800	25%	\$200				
Sinclair Main Replacements	73	22	433	Sinclair, Town of	WY5600054	Replace old, deteriorated water mains (cross contamination potential).	\$250	25%	\$63				X
Hulett Main Replacements	74	22	383	Hulett, Town of	WY5600026	Replace old, deteriorated, and undersized waterlines (cross contamination potential).	\$500	25%	\$125				
Kaycee Tank	75	22	263	Kaycee, Town of	WY5600196	Replace old, deteriorated tank (cross contamination potential).	\$394	25%	\$99				X
Rock River Intake and Transmission	76	22	245	Rock River, Town of	WY5600048	Replace deteriorated raw water transmission main. Upgrade Rock River intake to keep debris out and provide reliable source to plant.	\$600	25%	\$150				
Granger Rehabilitation Projects	77	22	139	Granger, Town of	WY5600020	Rehabilitate old, deteriorated tank (cross contamination potential); includes repair, coating, cathodic protection, mixing system. Reconstruct old, deteriorated raw water intake, pump station, and pipeline.	\$780	25%	\$195				

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Hi Country Waster District	78	22	75	Hi Country Water District	WY5600216	Replace old, deteriorated water main from well to tank (cross contamination potential). Install isolation valves and meter. Replace chlorinator and vault.	\$15	25%	\$4				
Laramie Energy Efficiency Upgrades	79	20	30816	Laramie, City of	WY5600029	Energy efficiency upgrades to drinking water system components, including lighting, energy efficient pump motor upgrades, programmable thermostats, insulation, boiler controls, and other similar energy efficient upgrades.	\$50	75%	\$38	EB	\$50		
Lovell Tank	80	17	2360	Lovell, Town of	WY5600031	Water storage tank, new pump station, and associated piping and SCADA improvements for pressure zone 2. Currently no storage in this zone.	\$3,528	50%	\$1,764				X
Pine Haven New Tank	81	17	490	Pine Haven, Town of	WY5600191	Construct new tank at higher elevation to correct existing static pressures below 35 psi and to provide additional storage.	\$1,000	25%	\$250				X
South Cheyenne Meters	82	16	7864	South Cheyenne W&S District	WY5600239	Replace existing meters with new meters including automated meter reading and leak detection system.	\$400	75%	\$300	WC	\$400		
LaGrange Waterline Looping	83	16	448	LaGrange, Town of	WY5600788	Waterline looping.	\$450	75%	\$338				
LaGrange Meters	84	16	448	LaGrange, Town of	WY5600788	Replace existing meters with new meters including automated meter reading and leak detection system.	\$350	75%	\$263	WC	\$350		
Hanna Miscellaneous Improvements	85	13	841	Hanna, Town of	WY5600025	Water source, transmission, treatment, distribution, and storage upgrades. Fencing improvements at storage facilities.	\$2,100	75%	\$1,575				
Hanna Meters	86	13	841	Hanna, Town of	WY5600025	Replace existing meters with new meters including automated meter reading and leak detection system.	\$1,000	75%	\$750	WC	\$1,000		
Baggs Miscellaneous WTP Improvements	87	13	440	Baggs, Town of	WY5600058	Install filter water turbidimeters on each membrane bank to monitor individual filter turbidity. Install pH/temperature analyzer to monitor raw water quality. Install VFDs on clear well pumps to adjust speed based on demand. Install automated callout system to notify operators of alarms. Program SCADA system to conduct automated membrane maintenance washes. Install permanent emergency generator.	\$789	75%	\$592				

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Baggs Well	88	13	440	Baggs, Town of	WY5600058	Install well to provide alternate supply source. Includes filtration and disinfection systems to treat new source.	\$720	75%	\$540				
Baggs/Dixon Transmission Main	89	13	440	Baggs, Town of	WY5600058	Transmission main to provide system redundancy and to regionalize the Town of Baggs (WY5600058) and Town of Dixon (WY5600059) water treatment plants.	\$5,340	75%	\$4,005				
Medicine Bow Treatment Upgrades	90	13	284	Medicine Bow, Town of	WY5600034	Upgrades to existing water treatment plant to increase capacity, reduce chemical costs, and improve operational efficiency and flexibility. Upgrade and automate controls, reconfigure piping and appurtenances, repair or replace brine tank and/or base, install emergency power generator.	\$420	75%	\$315				X
Mills WTP and Booster Upgrades	91	11	3461	Mills, Town of	WY5600036	Install UV disinfection unit at water treatment plant. Install emergency generators at water treatment plant and booster station. Install soft starts on electric motors in booster pump station and water treatment plant.	\$1,300	75%	\$975				
Mills Meters	92	11	3461	Mills, Town of	WY5600036	Retrofit existing compatible meters with automated meter reading and leak detection system. Replace existing incompatible meters with new meters and automated meter reading and leak detection system. Replace existing 1.5" and larger meters that are aging and/or inaccurate. DWSRF conditional award 10/13; expected to become binding commitment by end of FY2014 or in FY2015. Expecting application for additional \$120k in FY2015.	\$675	75%	\$506	WC	\$675	X	
Mills Hanley Acres	93	11	3461	Mills, Town of	WY5600036	Extend mains to serve Hanley Acres area. Area currently served by Casper/Central Wyoming Regional Water System, but reconfiguration needs to occur due to WYDOT construction project.	\$250	75%	\$188			X	
Ten Sleep Miscellaneous Upgrades	94	11	260	Ten Sleep, Town of	WY5600203	Replace faulty line valves and install new valves to improve system isolation for flushing and repairs. Replace thin wall PVC pipe from 1970's with C900 PVC pipe. Replace old inaccurate well meters.	\$900	75%	\$675				X

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Ten Sleep Well	95	11	260	Ten Sleep, Town of	WY5600203	Redrill and replace one of two supply wells dating from 1950's to ensure continued source supply redundancy; includes new well house, booster station, and appurtenances.	\$828	75%	\$621				
Sundance Pump Station	96	10	1182	Sundance, Town of	WY5600055	Install pump station to serve Canyon and Sundance West Subdivision to meet minimum 35 psi pressure requirement.	\$116	50%	\$58				
South of Laramie WSD Meters	97	10	550	South of Laramie W&S District	WY5601393	Replace existing meters with new meters including automated meter reading and leak detection system.	\$100	50%	\$50	WC	\$100		
South Laramie WSD Well	98	10	550	South of Laramie W&S District	WY5601393	Drill new well for secondary water source.	\$660	50%	\$330				
Lower Nowood	99	10	45	Lower Nowood I&S District	New System	New water system to serve rural area of Washakie County. Residents currently hauling water or on existing inadequate wells.	\$500	50%	\$250				
Moorcroft Extensions	100	9	1009	Moorcroft, Town of	WY5600037	Extend and loop distribution mains to areas currently on inadequate private wells.	\$600	25%	\$150				
South Big Horn Extension	101	9	1000	South Bighorn County Rural Water JPB	WY5601454	Extend transmission main two miles to provide service to Greybull River Road area and possible future supply for Burlington/Otto area. Existing individual wells produce groundwater of poor quality; many residents haul water.	\$1,750	25%	\$438				X
Buffalo Watermain Extensions	102	7	4585	Buffalo, Town of	WY5600005	Extend water mains to areas currently on inadequate private wells.	\$1,000	25%	\$250			X	
Meeteetse Looping and Generator	103	7	327	Meeteetse, Town of	WY5600035	Additional waterline to improve water quality to WYDOT facility and system redundancy. Emergency power generator to improve system reliability.	\$702	50%	\$351				
Squaw Creek Wells	104	7	110	Squaw Creek Water District	WY5600737	Rehabilitate/redevelop existing wells/springs. New wells and transmission. Current wells inadequate.	\$500	25%	\$125				

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Jeffrey City	105	7	58	Jeffrey City W&S District	WY5600106	Existing system designed for much larger past population; very inefficient for low current population. Abandon unnecessary and oversize components. Upgrade existing supply well and install additional supply well for redundancy. Install small horsepower pumps on wells, including VFDs and bladder tanks, to pressurize system. Upgrade existing booster station building to house piping and metering, chlorination system, and bladder tanks; replace lighting, HVAC, roofing, doors. Install emergency generator. Install pits and meters for the twenty-five taps in use (currently unmetered). Replace valves to isolate unneeded parts of existing distribution system. Replace hydrants for flushing purposes (no fire protection). Meters are categorically green eligible; other portions may be green eligible with a business case based on water and energy efficiency improvements.	\$240	50%	\$120	WC, WEB	\$100		
Sheridan North Loop Transmission	106	5	17444	Sheridan, City of	WY5600052	Transmission main in northern part of system to increase capacity and redundancy.	\$800	50%	\$400				
Sheridan Meters	107	5	17444	Sheridan, City of	WY5600052	Replace existing meters with new meters including automated meter reading and leak detection system.	\$4,000	50%	\$2,000	WC	\$3,000	X	
Sheridan Hydropower	108	5	17444	Sheridan, City of	WY5600052	Install hydropower generation on high pressure drinking water transmission mains at Beckton Hall vault and Sheridan WTP.	\$3,000	50%	\$1,500	EC	\$3,000		X
Big Horn Regional	109	5	14000	Big Horn Regional JPB	WY5601630	Additional well and transmission for redundancy. DWSRF loan has been made for design only. DWSRF conditional awards 10/11 and 4/14 for construction; expected to become binding commitment by end of FY2014 or in FY2015.	\$2,587	50%	\$1,294			X	
Worland Watermain Relocation	110	5	5487	Worland, City of	WY5600197	Relocate 16" pipeline on West River Road for State Highway widening project.	\$2,000	50%	\$1,000				X
Evansville Main Looping and Upsizing	111	5	2544	Evansville, Town of	WY5600018	Loop and upsize water lines to improve service.	\$7,000	50%	\$3,500				

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Evansville New Tank	112	5	2544	Evansville, Town of	WY5600018	Construct additional storage tank.	\$1,000	50%	\$500				
Evansville Scott Hill Booster Pump Station	113	5	2544	Evansville, Town of	WY5600018	Upgrade current booster pump station by installing emergency generator, two new pumps, and appurtenances.	\$112	50%	\$56				
Evansville Tie to Regional System	114	5	2544	Evansville, Town of	WY5600018	Provide connection to Central Wyoming Regional Water System for future emergency use. Includes chlorination equipment, tank mixer, and altitude valve.	\$200	50%	\$100				
Guernsey Miscellaneous Improvements	115	5	1147	Guernsey, Town of	WY5600023	Extend water distribution to new site of trailer park that is being forced to relocate off Wyoming National Guard property. Install new meter vault and meter at cemetery to track water usage (green eligible). Install onsite emergency generator for existing booster station.	\$350	50%	\$175	WC	\$20		
Pine Bluffs Kimzey Wells	116	5	1129	Pine Bluffs, Town of	WY5600040	Upgrade existing irrigation wells and/or drill new wells for use in Town potable supply system. Transmission mains to connect wells to Town.	\$439	50%	\$220			X	
Pine Bluffs Miscellaneous Upgrades	117	5	1129	Pine Bluffs, Town of	WY5600040	Main looping and extensions for water quality and pressure improvement. Install hydrants. Master meter and distribution upgrades at RV park. Install bulk water fill station. Upgrade old inefficient equipment and piping in existing booster station (possibly green eligible with business case).	\$900	50%	\$450	EB	\$270		
Encampment Distribution Looping	118	5	450	Encampment, Town of	WY5600060	Loop distribution mains to improve system reliability and water circulation.	\$190	50%	\$95				
Burns Well Replacements	119	5	301	Burns, Town of	WY5600188	Replacement wells for wells A2, A3, and A4.	\$2,400	50%	\$1,200				X
Burns Water Fill Station	120	5	301	Burns, Town of	WY5600188	Install bulk water fill station.	\$96	50%	\$48				
Deaver Meters	121	5	178	Deaver, Town of	WY5600016	Replace existing meters with new meters. May be green eligible.	\$260	50%	\$130	WB	\$260	X	
Cheyenne Water Treatment Upgrades	122	4	59466	Cheyenne, City of	WY5600011	Install powder activated carbon system at treatment plant.	\$600	25%	\$150				X

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Cheyenne Main Extensions and Upgrades	123	4	59466	Cheyenne, City of	WY5600011	Extend and upsize major water mains. DWSRF loans have been made.	\$5,000	25%	\$1,250			X	
Cheyenne Sherard Hydropower Generator	124	4	59466	Cheyenne, City of	WY5600011	Install a hydropower generator unit at the Sherard Water Treatment Plant. This will generate power to operate the drinking water treatment plant using the excess head available in the raw water pipeline. DWSRF loan has been made.	\$500	25%	\$125	EC	\$500		
Cheyenne Belvoir Ranch Well Field	125	4	59466	Cheyenne, City of	WY5600011	Well field development at Belvoir Ranch.	\$45,000	25%	\$11,250				
Moorcroft Meters	126	4	1009	Moorcroft, Town of	WY5600037	Replace existing meters with new meters including automated meter reading and leak detection system.	\$850	25%	\$213	WC	\$850		
Osage Miscellaneous Improvements	127	4	208	Osage Water District	WY5600038	Extend distribution mains to areas that currently do not have service. Replace outdated telemetry system.	\$300	25%	\$75				
People's I&S District	128	4	176	People's I&S District	WY5600898	Connect to Gillette Regional system, to serve as redundant supply.	\$100	25%	\$25				
Meadow Springs Meters and Air Valves	129	4	37	Meadow Springs I&S District	WY5601507	New meters in unmetered system (green eligible). New air vac/air release valves on mains; system has problems due to current lack of such valves.	\$100	25%	\$25	WC	\$40		
Central Wyo. Reg. WTP Emergency Generator	130	2	60000	Central Wyo Regional Water System	WY5600009	Install emergency generator at water treatment plant. This is supplemental funding to loan previously made for this project.	\$800	25%	\$200			X	
Central Wyo. Reg. WTP Disinfection System Replacement	131	2	60000	Central Wyo Regional Water System	WY5600009	Replace existing ozone generators with new ozone generators for surface water supply treatment. Install new ultraviolet light or chlorine dioxide disinfection units, in place of ozone, for groundwater supply treatment.	\$6,000	25%	\$1,500				X
Central Wyo. Regional Water Zone IIB Improvements	132	2	60000	Central Wyo Regional Water System	WY5600009	Additional booster station and transmission mains to provide redundancy in Zone IIB. DWSRF loan has been made.	\$250	25%	\$63				

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Central Wyo. Regional Water Alternate Backwash Supply	133	2	60000	Central Wyo Regional Water System	WY5600009	Provide alternate backwash water supply to allow current supply components to be taken out of service as needed.	\$2,188	25%	\$547				X
Central Wyo. Regional Water Airport Tank	134	2	60000	Central Wyo Regional Water System	WY5600009	New elevated water storage tank at Natrona County International Airport. New tank overflow would be 30 feet higher than existing to resolve problem of marginal pressure (approximately 35 psi) at airport. New tank would also be only 1 MG volume compared to 2.5 MG existing storage to address nitrification/water quality concerns caused by oversize/lack of turnover. Existing storage would be removed.	\$2,210	25%	\$553				X
Gillette Regional Extensions and Connections	135	2	29087	Gillette, City of	WY5600019	Transmission mains and connections to serve various water districts from the Gillette Regional Water System.	\$5,000	25%	\$1,250				
Gillette Lakeway Area Improvements	136	2	29087	Gillette, City of	WY5600019	Transmission, storage, and pump station improvements to extend Zone 2 to Lakeway area. This will allow switchover of some current Zone 3 areas to be more appropriately served by Zone 2.	\$12,300	25%	\$3,075				X
Green River Storage and Transmission	137	2	12515	Green River, City of	WY5601181	Storage and transmission upgrades.	\$3,000	25%	\$750				
Green River Meters	138	2	12515	Green River, City of	WY5601181	Replace existing meters with new meters including automated meter reading and leak detection system.	\$1,250	25%	\$313	WC	\$1,250		X
Rawlins Raw Water Main Replacement	139	2	9259	Rawlins, City of	WY5600045	Replace 1000 LF of old, deteriorated 18" AC transmission main for filling Atlantic Rim Reservoir.	\$250	25%	\$63				
Rawlins Treatment Upgrades	140	2	9259	Rawlins, City of	WY5600045	Chemical injection system to test and adjust raw water pH coming into pretreatment plant. Includes pH monitors, chemical (acid) storage tanks, injection pumps and piping. Pretreatment plant has been inactive approximately 9 years because alum floc tended to carry over to and clog the diatomaceous earth filters. Recent pilot study was successful for this proposed solution to return pretreatment plant to service.	\$235	25%	\$59				



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Rawlins Hydropower	141	2	9259	Rawlins, City of	WY5600045	Hydro turbine to generate power for water treatment plant.	\$2,000	25%	\$500	EC	\$2,000		
SAWS Meter Replacements	142	2	3900	Sheridan Area Water Supply JPB	WY5600052	Replace 1800 existing meters with new meters including automated meter reading and leak detection system.	\$150	25%	\$38	WC	\$150		
KDJPB Tank and Transmission Additions	143	2	3393	Kemmerer-Diamondville JPB	WY5600028	Construct new transmission and storage. Distribution upgrades.	\$1,600	25%	\$400				X
Wardwell Looping	144	2	3200	Wardwell W&S District	WY5600067	Waterline looping to eliminate deadend lines, move area to higher pressure zone, and increase flow through storage tank that currently has stagnation problems.	\$250	25%	\$63				
Pinedale Tank	145	2	2030	Pinedale, Town of	WY5600041	New storage tank.	\$2,800	25%	\$700				
Pinedale Hydropower Generation	146	2	2030	Pinedale, Town of	WY5600041	Install hydropower generation on high pressure drinking water transmission mains.	\$7,500	25%	\$1,875	EC	\$7,500		X
Wright Waterline Looping	147	2	1807	Wright W&S District	WY5600136	Waterline looping projects to eliminate deadend lines and improve system redundancy.	\$1,862	25%	\$466				
Antelope Valley	148	2	1280	Antelope Valley I&S District	WY5600251	Connection to Gillette Regional system, including blending vault to blend well water with regional system water, chlorination system modifications, transmission modifications. New storage tanks and transmission lines to provide additional storage capacity, to serve upper pressure zone, and to improve flows and system reliability.	\$3,040	25%	\$760				
Upton Well	149	2	1100	Upton, Town of	WY5600140	Rehabilitate/upgrade well #6 and add to Town's water supply. Includes chlorination treatment system.	\$150	25%	\$38				
Marbleton SCADA	150	2	1094	Marbleton, Town of	WY5600223	Install SCADA control system to control and prioritize the operation of 7 wells feeding 4 storage tanks in the system.	\$190	25%	\$48				
LaBarge Transmission	151	2	551	LaBarge, Town of	WY5600222	Construct new transmission line from water treatment plant to storage tank.	\$700	25%	\$175				

Project	Rank	Rank Points	Population	Owner	PWS No	Description	Amount (\$1,000)	Est Max % Princ Forg	Est Max Princ Forg (\$1,000)	Green type	Green Amount (\$1,000)	Expected FY2015	Expected FY2016-2018
Jamestown-Rio Vista Meters	152	2	536	Jamestown-Rio Vista W&S District	WY5600810	New meters in unmetered areas. Replace existing meters with new meters including automated meter reading and leak detection system.	\$500	25%	\$125	WC	\$500		
Cokeville Meters	153	2	535	Cokeville, Town of	WY5600015	New meters in unmetered areas.	\$500	25%	\$125	WC	\$500		
Pine Haven New Well	154	2	490	Pine Haven, Town of	WY5600191	Additional well.	\$1,000	25%	\$250				
Pine Haven SCADA	155	2	490	Pine Haven, Town of	WY5600191	Install SCADA system on potable water system components.	\$150	25%	\$38				
Wamsutter Meters	156	2	451	Wamsutter, Town of	WY5600105	Replace existing meters with new meters including automated meter reading and leak detection system.	\$200	25%	\$50	WC	\$200		
Rolling Hills	157	2	440	Rolling Hills, Town of	WY5600782	New tank at higher elevation to eliminate booster stations. Transmission, distribution, chlorination, and wellfield upgrades. Add SCADA system. DWSRF conditional award 12/13; expected to become binding commitment by end of FY2014 or in FY2015.	\$620	25%	\$155			X	
Freedom Hills	158	2	400	Freedom Hills I&S District	WY5600789	Connection to Gillette Regional system.	\$250	25%	\$63				
Rock River Hydroelectric	159	2	245	Rock River, Town of	WY5600048	Hydroelectric generator to use head in intake transmission main to produce power.	\$500	25%	\$125	EC	\$500		
Freedom WSD Meters	160	2	214	Freedom W&S District	WY5600158	Replace existing meters with new meters including automated meter reading and leak detection system.	\$50	25%	\$13	WC	\$50		
Bedford Meters	161	2	201	Bedford W&S District	WY5600006	Replace existing meters with new meters including automated meter reading and leak detection system.	\$180	25%	\$45	WC	\$180		
Etna Meters	162	2	164	Etna W&S District	WY5600157	Replace existing meters with new meters including automated meter reading and leak detection system.	\$50	25%	\$13	WC	\$50		
Indian Paintbrush Water District	163	2	150	Indian Paintbrush Water District	WY5600758	New well, transmission, and storage tank. Install meters on services (currently unmetered).	\$400	25%	\$100	WC	\$100	X	
Grover W&S District Meters	164	2	147	Grover W&S District	WY5600160	Replace existing meters with new meters including automated meter reading and leak detection system.	\$120	25%	\$30	WC	\$120		

Project	Rank	Rank Points	Population	Owner	PWS No	Description	Amount (\$1,000)	Est Max % Princ Forg	Est Max Princ Forg (\$1,000)	Green type	Green Amount (\$1,000)	Expected FY2015	Expected FY2016-2018
South Fork Estates	165	2	138	South Fork Estates I&S District	WY5600832	Connection to Gillette Regional system.	\$250	25%	\$63				
Dixon Miscellaneous Improvements	166	2	97	Dixon, Town of	WY5600059	Install an isolated transmission line from the water treatment plant clear well to the storage tank to improve disinfection contact time, promote tank turnover, and improve water quality. Upsize and loop existing 2" deadend water mains. Install solar powered tank mixer (solar power system is green eligible).	\$800	25%	\$200	EC	\$20		
Dixon Meters	167	2	97	Dixon, Town of	WY5600059	Replace existing meters with new meters including automated meter reading and leak detection system. Includes dual check backflow preventers.	\$288	25%	\$72	WC	\$288		
Dixon Energy Efficiency Upgrades	168	2	97	Dixon, Town of	WY5600059	Install solar power system at water treatment plant and operations facility (categorically green eligible). Automate the operation of the aeration tank compressor to turn on and off with the plant rather than run continuously (possibly green eligible with a business case).	\$192	25%	\$48	EC, EB	\$192		
Hartville Meters	169	2	62	Hartville, Town of	WY5600186	Replace existing meters with new meters including automated meter reading and leak detection system.	\$100	25%	\$25	WC	\$100		
Total of projects expected to submit applications in FY2015 or to complete remaining steps on conditional awards by end of FY2014 or in FY2015.							\$26,243		\$11,110		\$4,159	X	
Total of projects expected to submit applications in FY2016-FY2018							\$78,037		\$27,538		\$11,750		X
Total of all listed projects							\$269,416		\$93,929		\$24,889		

Green Project Types

G = Green Infrastructure

E = Energy Efficiency

W = Water Efficiency

I = Environmentally Innovative

C = Categorically Green Eligible

B = Business Case Required

## Appendix 2: Ranking Criteria for DWSRF Priority List

SYSTEM/PROJECT NAME \_\_\_\_\_

PWS No. \_\_\_\_\_

### Wyoming Drinking Water State Revolving Fund Ranking System

		Available Points	Points Received
I.	PUBLIC HEALTH ISSUES		
	Points will be awarded for public health concerns that appear to be beyond the control of the water supplier and have occurred in the last four years. Items beyond the control of the water supplier do not include lab error or operator error.		
	A. Outbreak of waterborne disease	100	
	B. Fecal or other pathogen detection which results in a boil order	80	
	C. Positive Coliform results which do not result in a violation	20	
	Public Health Issues Points		
II.	COMPLIANCE ISSUES		
	Points will be awarded for compliance issues that appear to be beyond the control of the water supplier and have occurred in the last four years. Multiple violations within a 12 month period will add 10 points total for categories in A-D below. For example a single microbiological violation receives 40 points. Two or more microbiological violations would result in a maximum point award of 50 points.		
	A. Microbiological violation	40	
	B. Nitrate or nitrite MCL exceedance	25	
	C. Lead and Copper Rule action level exceedance	20	
	D. Turbidity exceedance	20	
	E. Non-compliance with SWTR, ISWTR, ESWTR, GWDR, GWUDI or currently applicable regulation	25	
	F. MCL exceedances of regulated contaminants (not mentioned above)		
	1. 1 contaminant	10	
	2. 2 to 4 contaminants	20	
	3. >4 contaminants	40	
	G. Facility is subject to a compliance issue, enforcement action and/or enforcement referral.	30	
	Compliance Issues Points		

		Available Points	Points Received
III.	SYSTEM DEFICIENCIES		
	Points will be awarded for system deficiencies that may affect public health or the ability to comply with SDWA. Points will be awarded to a project from only one of the three categories below.		
	A. Distribution system		
	1. Distribution system equipment is deteriorated and results in numerous or serious leaks, and/or creates a cross-contamination potential.	20	
	2. Applicable disinfectant residual maintenance requirements are not met.	20	
	3. Project will replace unsafe materials.	10	
	4. Minimum normal operating pressure is not met (35 psi).	5	
	5. Distribution system is inadequate to meet existing demands.	5	
	B. Treatment System		
	1. Treatment system cannot consistently meet log removal requirements and/or turbidity standards.	25	
	2. Treatment system is subject to impending failure or has failed.	25	
	3. The required disinfection systems are not installed or are inadequate.	20	
	4. Treatment system equipment does not meet the requirements of Wyoming Water Quality Rules and Regulations Chapter 12.	10	
	5. System equipment is projected to become inadequate without upgrades within 5 years.	5	
	C. Storage System		
	1. Storage system is subject to impending failure, has failed, cannot be easily cleaned, or subject to contamination.	20	
	2. Applicable contact time requirements cannot be met without an upgrade.	20	
	3. System suffers from low static pressures.	15	
	4. Storage system demand exceeds 90% of storage capacity.	10	
	System Deficiencies Points		

		Available Points	Points Received
IV.	AFFORDABILITY		
	Points will be awarded based on a project's affordability.		
	A. Relative income index: ratio of local annual median household income (AMHI) to the state AMHI.		
	1. < 50%	15	
	2. 50%-70%	10	
	3. 70%-90%	4	
	4. > 90%	1	
	B. Relative water rate index: ratio of expected average annual residential user charge for water services resulting from the project, including costs recovered through special assessments, to the local AMHI.		
	1. > 2.5%	15	
	2. 2.0% to 2.5%	10	
	3. 1.5% to 2.0%	6	
	4. 1.0% to 1.5%	3	
	5. < 1.0%	1	
	Affordability Points		

#### POINTS AWARDED

Public Health Issues Points \_\_\_\_\_

Compliance Issues Points \_\_\_\_\_

System Deficiencies Points \_\_\_\_\_

Affordability Points \_\_\_\_\_

Total Points \_\_\_\_\_

Population = \_\_\_\_\_

Note: Population will be used in cases of ties. Larger systems will be given priority.

### **Appendix 3: Summary of Comments and Responses from Public Meeting**

The Wyoming State Revolving Fund (SRF) Program held a public meeting on the draft FY2015 Intended Use Plans for the Clean Water SRF and the Drinking Water SRF on May 21, 2014, at the DEQ Casper Field Office in Casper. No persons attended the meeting besides program staff. The sign in sheet is attached. Due to zero public attendance, the program received no comments at the meeting. The program also received no comments prior to the meeting. Program staff had received a few requests to add or modify projects on the priority lists; those additions and modifications will be made for the final FY2015 Intended Use Plans.

**Location:** DEQ Casper Field Office, 152 N. Durbin Street, Suite 100, Casper, WY  
**Date and Time:** May 21, 20143, 11:00 a.m.

[illegible]